IN THE CLAIMS

(1)　　Please cancel claim 1.

(2)　　Please rewrite claim 2 as follows:

2.　　(Amended) [The method of claim 1] In data processing system, a method of asset trading comprising the steps of:

entering a plurality of bundled trades, each of said plurality of bundled trades comprising:

a plurality of assets to be traded;

a bundle size value;

a set of proportions of each asset of plurality of assets to be traded in units of said bundle size value; and

one or more portfolio constraints, each of said one or more portfolio constraints including:

a set of portfolio weights; and

a portfolio limit, and wherein each said portfolio constraint is associated with a set of bundled trades and a market participant corresponding two set of bundled trades; and

matching trades among said plurality of bundled trades, wherein said step of matching trades further comprises the step of [allocating an amount of each bundle] selecting a set of bundles to be traded among said plurality of bundles, bundles selected to be traded forming a set of selected bundles.

(3)　　Please rewrite claim 3 as follows:

3.　　(Amended) The method of claim 2 wherein in said of matching trades to be traded further comprises the steps of:

selecting a set of numerical values, wherein in said set of numerical values has the same number of members as a number of said [plurality of entered bundled trades] <u>set of selected bundles</u>, said set of numerical values forming a set of allocation values; and

multiplying each proportion of asset to be traded by one of each numerical value of said set of numerical values, said step of multiplying being performed for each bundled trade, thereby forming a set of weighted proportions of assets to be traded, said set having a number of weighted proportions equal to a number of said assets to be traded.

(4)   Please cancel claim 27.

(5)   Please rewrite claim 14 as follows:

14.   (Amended) The method of claim [1] <u>2</u> wherein in said step of entering bundled trades includes entering bundled trades using distributed processing over a network.

(6)   Please rewrite claim 15 as follows:

15.   (Amended) The method of claim [1] <u>2</u> wherein in the step of matching bundled trades further comprises the step of reporting match trades using distributed processing over a network.

(7)   Please rewrite claim 16 as follows:

16.   (Amended) The method of claim [1] <u>2</u> wherein the step of entering bundled trades includes executing an asynchronous thread for entering bundled trades.

(8)   Please rewrite claim 17 as follows:

17.   (Amended) The method of claim [1] <u>2</u> wherein in the step of matching bundled trades includes executing an asynchronous thread for matching bundled trades.

(9)   Please rewrite claim 28 as follows:

28.   (Amended) The data processing system of claim [27] 34 wherein said circuitry for entering bundled trades include circuitry for entering trades using distributed processing over a network.

(10)   Please rewrite claim 29 as follows:

29.   (Amended) The data processing system of claim [27] 34 wherein said circuitry for matching bundled trades further comprises circuitry for reporting matched trade data using distributed processing over a network.

(11)   Please rewrite claim 30 as follows:

30.   (Amended) The data processing system of claim [27] 34 wherein said circuitry for entering bundled trades include circuitry executing an asynchronous thread for entering bundled trades.

(12)   Please write claim 31 as follows:

31.   (Amended) The data processing system of claim [27] 34 wherein said circuitry for matching bundled trades includes circuitry executing an asynchronous thread for matching bundled trades.

(13)   Please rewrite claim 32 as follows:

32.   (Amended) The data processing system of claim [27] 34 wherein said circuitry for matching trades further comprises circuitry for allocating an amount of each bundle to be traded among said plurality of bundles.

(14)   Please rewrite claim 33 as follows:

33.   (Amended) The data processing system of claim [27] 34 wherein each bundled trade includes a bundle size value.

(15) Please rewrite claim 34 as follows:

34. (Amended) [The data processing system of claim 27] A data processing system for trading asset bundles comprising:

  circuitry for entering a plurality of bundled trades, each of said plurality of bundled trades comprising:

    a plurality of assets to be traded;

    a bundle size value;

    a set of proportions of each asset of plurality of assets to be traded in units of said bundle size value; and

    one or more portfolio constraints, each of said one or more portfolio constraints including:

      a set of portfolio weights; and

      a portfolio limit, and wherein each said portfolio constraint is associated with a set of bundled trades and a market participant corresponding to set said of bundled trades; and

  circuitry for matching bundled trades among said plurality of bundled trades, wherein in each bundled trade includes a set of proportions of each asset of said plurality of assets to be traded in units of said bundle size value and wherein said circuitry for matching trades includes circuitry for selecting a set of bundles to be traded among said plurality of bundled trades, bundles selected to be traded forming a set of selected bundles.

(16) Please rewrite claim 35 as follows:

35. (Amended) The data processing system of claim 34 wherein in said circuitry for matching trades further comprises:

  circuitry for selecting a set of numerical values, wherein in said set of numerical values has the same members as a number of said [plurality of entered bundled trades] set of selected bundles, said set of numerical values forming a set of allocation values; and

circuitry for multiplying each proportion of asset to be traded by one of each numerical value of said set numerical values, said set of multiplying being performed for each bundled trade, thereby forming a set of weighted proportions of assets to be traded, said set having a number of weighted proportions equal to a number of said assets to be traded.

(17)   Please cancel claim 37.

(18)   Please rewrite claim 38 as follows:

38.   (Amended)   [The program product operable for storage in a computer readable median of claim 37]   A program product operable for storage in a computer readable medium, said program product for bundling trading of assets comprising:

programing for entering a plurality of bundled trades, each of said plurality of bundled trades comprising:

a plurality of assets to be traded;

a bundle size value;

a set of proportions of each asset of plurality of assets to be traded in units of said bundle size value; and

one or more portfolio constraints, each of said one or more portfolio constraints including:

a set of portfolio weights; and

a portfolio limit, and wherein each said portfolio constraint is associated with a set of bundled trades and a market participant corresponding to set said of bundled trades; and

programing for matching bundled trades among said plurality of bundled trades, wherein in each bundled trade includes a set of proportions of each asset of said plurality of assets to be traded in units of said bundle size value and wherein said programming for matching trades includes programing for selecting a set of bundles to be traded among said plurality of bundled trades, bundles selected to be traded forming a set of selected bundles.

(19)   Please rewrite claim 39 as follows:

39.   (Amended) The program product operable for storage in a computer readable medium of claim 38 wherein said programming for matching trades further comprises:

programming for selecting a set of numerical values, wherein in said set of numerical values has the same members as a number of said [plurality of entered bundled trades] <u>set of selected bundles</u>, said set of numerical values forming a set of allocation values;

programming for multiplying each proportion of asset to be traded by one of each numerical value of said set numerical values, said set of multiplying being performed for each bundled trade, thereby forming a set of weighted proportions of assets to be traded, said set having a number of weighted proportions equal to a number of said assets to be traded.

(20)   Please cancel claim 41.

(21)   Please rewrite claim 42 as follows:

42.   (Amended) [The method of claim 41] <u>A method of asset trading comprising the steps of:</u>

<u>entering a plurality of bundled trades, each of said plurality of bundled trades comprising:</u>

<u>a plurality of assets to be traded;</u>

<u>a bundle size value;</u>

<u>a set of proportions of each asset of plurality of assets to be traded in units of said bundle size value; and</u>

<u>one or more portfolio constraints, each of said one or more portfolio constraints including:</u>

<u>a set of portfolio weights; and</u>

<u>a portfolio limit, and wherein each said portfolio constraint is associated with a set of bundled trades and a market participant corresponding two set of bundled trades; and</u>

<u>matching trades among said plurality of bundled trades</u> wherein said step of matching trades further comprises the steps of:

selecting a set of numerical values, wherein said set of numerical values has the same number of members as a number of said plurality of entered bundled trades, said set of numerical values forming a set of allocation values; and

multiplying each proportion of asset of to be traded by one of each numerical value of said set of numerical values, said step of multiplying being performed for each bundled trade, thereby forming a set of weighted proportions of assets to be traded, said set having a number weighted proportions equal to a number of said assets to be traded.

Respectfully submitted,

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APPENDIX

1 2.   In data processing system, a method of asset trading comprising the steps of:

2   entering a plurality of bundled trades, each of said plurality of bundled trades

3 comprising:

4   a plurality of assets to be traded;

5   a bundle size value;

6   a set of proportions of each asset of plurality of assets to be traded in units of

7   said bundle size value; and

8   one or more portfolio constraints, each of said one or more portfolio

9   constraints including:

10   a set of portfolio weights; and

11   a portfolio limit, and wherein each said portfolio constraint is

12   associated with a set of bundled trades and a market participant

13   corresponding two set of bundled trades; and

14   matching trades among said plurality of bundled trades, wherein said step of

15 matching trades further comprises the step of [allocating an amount of each bundle] selecting

16 a set of bundles to be traded among said plurality of bundles, bundles selected to be traded

17 forming a set of selected bundles.

1 3.   The method of claim 2 wherein in said of matching trades to be traded further

2 comprises the steps of:

3   selecting a set of numerical values, wherein in said set of numerical values has the

4 same number of members as a number of said [plurality of entered bundled trades] set of

5 selected bundles, said set of numerical values forming a set of allocation values; and

6   multiplying each proportion of asset to be traded by one of each numerical value of

7 said set of numerical values, said step of multiplying being performed for each bundled trade,

8 thereby forming a set of weighted proportions of assets to be traded, said set having a number

9 of weighted proportions equal to a number of said assets to be traded.

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14.   The method of claim 2 wherein in said step of entering bundled trades includes entering bundled trades using distributed processing over a network.

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15.   The method of claim 2 wherein in the step of matching bundled trades further comprises the step of reporting match trades using distributed processing over a network.

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16.   The method of claim 2 wherein the step of entering bundled trades includes executing an asynchronous thread for entering bundled trades.

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2

17.   The method of claim 2 wherein in the step of matching bundled trades includes executing an asynchronous thread for matching bundled trades.

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2

28.   The data processing system of claim 34 wherein said circuitry for entering bundled trades include circuitry for entering trades using distributed processing over a network.

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29.   The data processing system of claim 34 wherein said circuitry for matching bundled trades further comprises circuitry for reporting matched trade data using distributed processing over a network.

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30.   The data processing system of claim 34 wherein said circuitry for entering bundled trades include circuitry executing an asynchronous thread for entering bundled trades.

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31.   The data processing system of claim 34 wherein said circuitry for matching bundled trades includes circuitry executing an asynchronous thread for matching bundled trades.

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32.   The data processing system of claim 34 wherein said circuitry for matching trades further comprises circuitry for allocating an amount of each bundle to be traded among said plurality of bundles.

1   33.   The data processing system of claim 34 wherein each bundled trade includes a bundle

2   size value.

1   34.   A data processing system for trading asset bundles comprising:

2   circuitry for entering a plurality of bundled trades, each of said plurality of bundled

3   trades comprising:

4   a plurality of assets to be traded;

5   a bundle size value;

6   a set of proportions of each asset of plurality of assets to be traded in units of

7   said bundle size value; and

8   one or more portfolio constraints, each of said one or more portfolio

9   constraints including:

10   a set of portfolio weights; and

11   a portfolio limit, and wherein each said portfolio constraint is

12   associated with a set of bundled trades and a market participant

13   corresponding to set said of bundled trades; and

14   circuitry for matching bundled trades among said plurality of bundled trades, wherein

15   in each bundled trade includes a set of proportions of each asset of said plurality of assets to

16   be traded in units of said bundle size value and wherein said circuitry for matching trades

17   includes circuitry for selecting a set of bundles to be traded among said plurality of bundled

18   trades, bundles selected to be traded forming a set of selected bundles.

1   35.   The data processing system of claim 34 wherein in said circuitry for matching trades

2   further comprises:

3   circuitry for selecting a set of numerical values, wherein in said set of numerical

4   values has the same members as a number of said [plurality of entered bundled trades] set

5   of selected bundles, said set of numerical values forming a set of allocation values; and

6   circuitry for multiplying each proportion of asset to be traded by one of each

7   numerical value of said set numerical values, said set of multiplying being performed for

8　　each bundled trade, thereby forming a set of weighted proportions of assets to be traded, said

9　　set having a number of weighted proportions equal to a number of said assets to be traded.

1　　38.　　A program product operable for storage in a computer readable medium, said

2　　program product for bundling trading of assets comprising:

3　　　　　　programing for entering a plurality of bundled trades, each of said plurality of

4　　bundled trades comprising:

5　　　　　　　　a plurality of assets to be traded;

6　　　　　　　　a bundle size value;

7　　　　　　　　a set of proportions of each asset of plurality of assets to be traded in units of

8　　　　　　　　said bundle size value; and

9　　　　　　　　one or more portfolio constraints, each of said one or more portfolio

10　　　　　　　　constraints including:

11　　　　　　　　　　a set of portfolio weights; and

12　　　　　　　　　　a portfolio limit, and wherein each said portfolio constraint is

13　　　　　　　　　　associated with a set of bundled trades and a market participant

14　　　　　　　　　　corresponding to set said of bundled trades; and

15　　　　　　programing for matching bundled trades among said plurality of bundled trades,

16　　wherein in each bundled trade includes a set of proportions of each asset of said plurality of

17　　assets to be traded in units of said bundle size value and wherein said programming for

18　　matching trades includes programing for selecting a set of bundles to be traded among said

19　　plurality of bundled trades, bundles selected to be traded forming a set of selected bundles.

1　　39.　　The program product operable for storage in a computer readable medium of claim

2　　38 wherein said programming for matching trades further comprises:

3　　　　　　programming for selecting a set of numerical values, wherein in said set of numerical

4　　values has the same members as a number of said [plurality of entered bundled trades] set

5　　of selected bundles, said set of numerical values forming a set of allocation values;

6   programming for multiplying each proportion of asset to be traded by one of each

7   numerical value of said set numerical values, said set of multiplying being performed for

8   each bundled trade, thereby forming a set of weighted proportions of assets to be traded, said

9   set having a number of weighted proportions equal to a number of said assets to be traded.

1   42.   A method of asset trading comprising the steps of:

2   entering a plurality of bundled trades, each of said plurality of bundled trades

3   comprising:

4   a plurality of assets to be traded;

5   a bundle size value;

6   a set of proportions of each asset of plurality of assets to be traded in units of

7   said bundle size value; and

8   one or more portfolio constraints, each of said one or more portfolio

9   constraints including:

10   a set of portfolio weights; and

11   a portfolio limit, and wherein each said portfolio constraint is

12   associated with a set of bundled trades and a market participant

13   corresponding two set of bundled trades; and

14   matching trades among said plurality of bundled trades wherein said step of matching

15   trades further comprises the steps of:

16   selecting a set of numerical values, wherein said set of numerical values has the same

17   number of members as a number of said plurality of entered bundled trades, said set of

18   numerical values forming a set of allocation values; and

19   multiplying each proportion of asset of to be traded by one of each numerical

20   value of said set of numerical values, said step of multiplying being performed for each

21   bundled trade, thereby forming a set of weighted proportions of assets to be traded, said set

22   having a number weighted proportions equal to a number of said assets to be traded.